

REMARKS

This Amendment is in response to the Office Action dated March 24, 2005 in which claims 1-3, 6, 7, 9-12, 15-17 and 19 were initially rejected, and claims 4, 5, 8, 13, 14, 18 and 20 were indicated as being allowable if rewritten in independent form. Applicants would like to thank the Examiner for the indicated allowability of the above claims and respectfully request reconsideration and allowance of the remaining claims in view of the above-amendments and the following remarks.

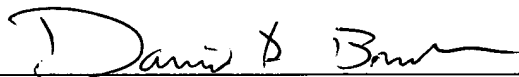
With this Amendment, independent claim 1 is amended to further state that the control output is generated using the constant provided in step (b) or (c) based on whether a position error signal running average exceeds a predetermined threshold. This limitation corresponds to the allowable subject matter identified in paragraph ten of the Office Action. Accordingly, Applicants respectfully requests that the rejection of claim 1 and its dependent claims 2-3, 6, 7 and 9 be withdrawn.

Independent claims 10 and 16 are amended to include similar limitations. Accordingly, Applicants respectfully request that the rejection of claims 10 and 16 and their respective dependent claims 11, 12, 15, 17 and 19 be withdrawn.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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